Configuring the Brother HL 5250DN

The Brother HL 5250DN is a network printer that is connected to a network with an Ethernet cable. Once the printer has been unpacked and setup per the HL-5250DN Quick Setup Guide, this guideline can be used to:

1. configure the network router [wired or wireless] with a fixed IP address for the printer
2. install the printer driver
3. set the default printing preference to Duplex

The recommended IP address for the printer is 192.168.1.52.

Note: These guidelines are for Windows XP and Vista operating systems. If the printer driver is to be installed on a Windows-7 computer, obtain a printer driver from the Brother web site.

Wired Networks

Wired networks are required when using TaxWise Online and may be used for TaxWise Desktop.

1. Connect the printer to the RP-614 router with an Ethernet cable and turn the printer on.
2. Using **Detailed Wired Network Setup**, later in this guideline, assign IP address 192.168.1.52 to this printer.
3. Using the Brother HL 5240/5250DN CD [for Windows XP] or Windows Vista Driver DC [for Vista], install the printer on computers connected to the network. See **Installing the Printer Driver – Network Cable** later in this guideline.

Wireless Networks

Wireless networks are permitted only for printing when using TaxWise Desktop.

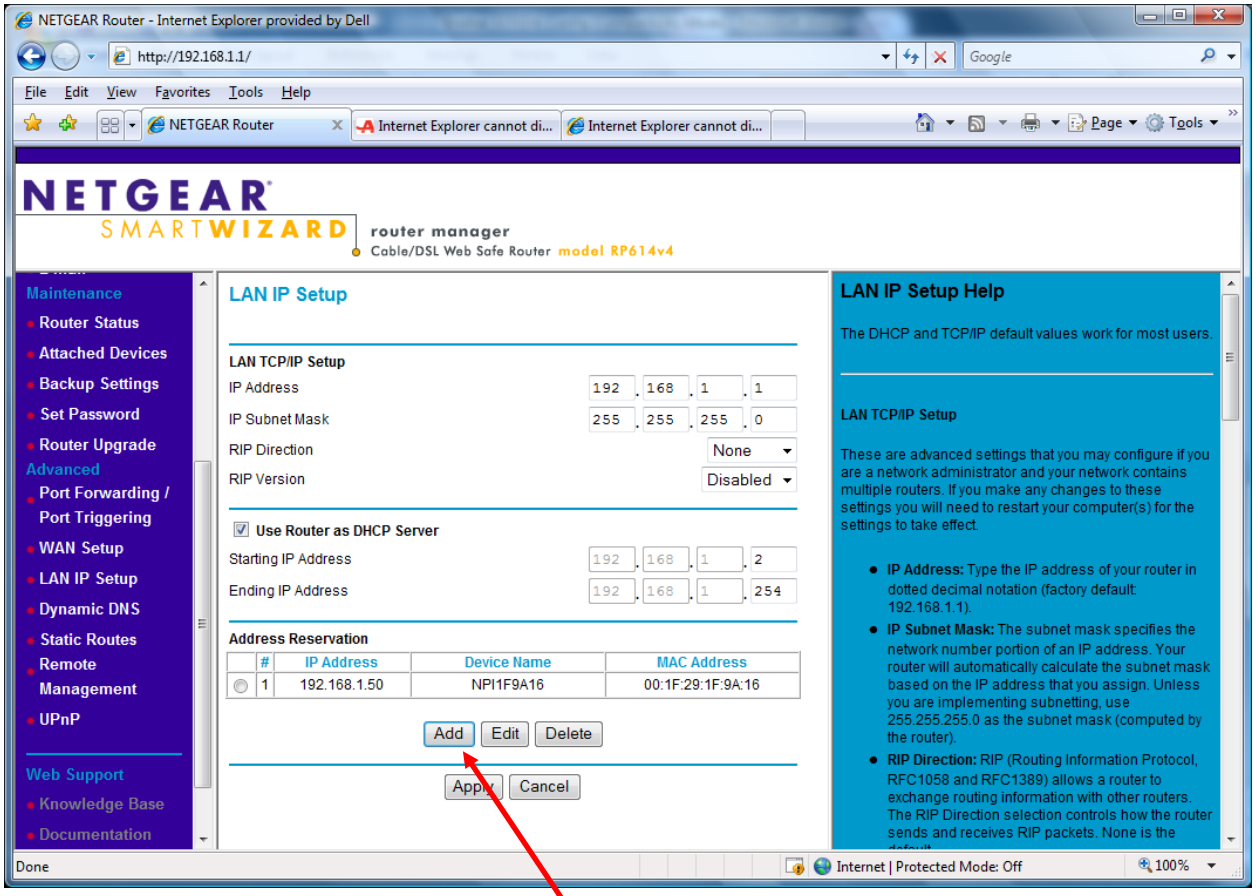
1. Connect the printer to the WGR-614 router with an Ethernet cable and turn the printer on.
2. Using "Fixed IP Address for Network Printers" assign IP address 192.168.1.52 to this printer.
3. Using the Brother HL 5240/5250DN CD [for Windows XP] or Windows Vista Driver DC [for Vista], install the printer on computers connected to the network. See **Installing the Printer Driver – Network Cable** later in this guideline.

Configuring the Brother HL 5250DN

Detailed Wired Network Setup

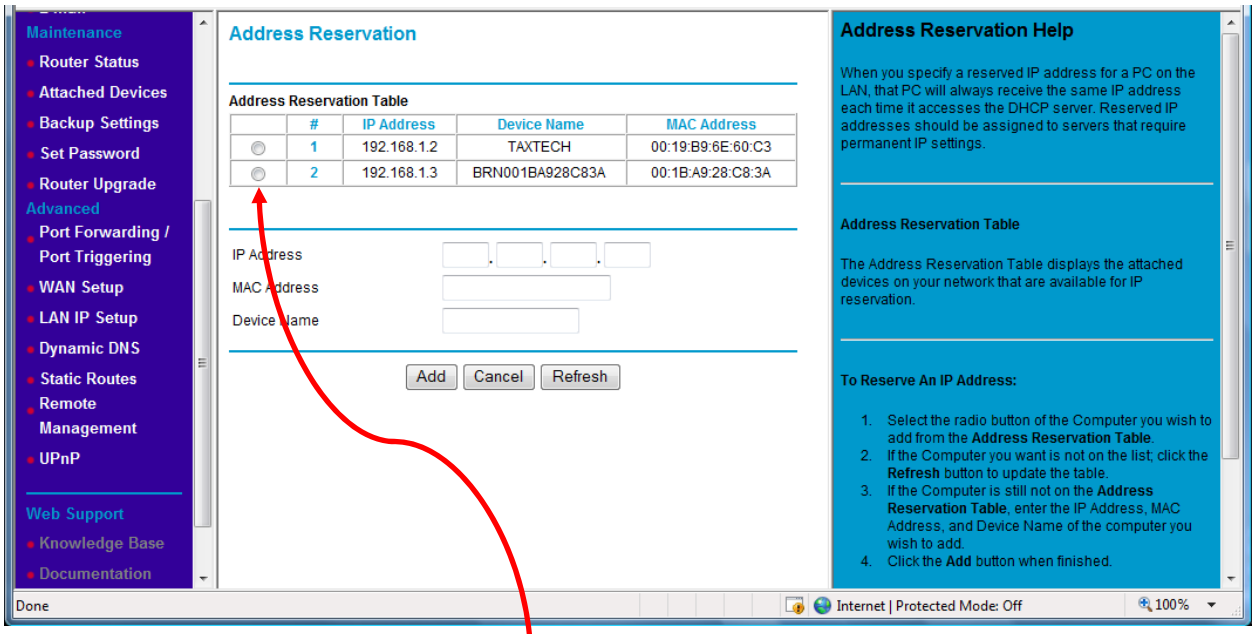
1. Connect to the router web server at http://192.168.1.1/ and log in.

2. Click on LAN IP Settings (in the purple area on the left) to see this page:

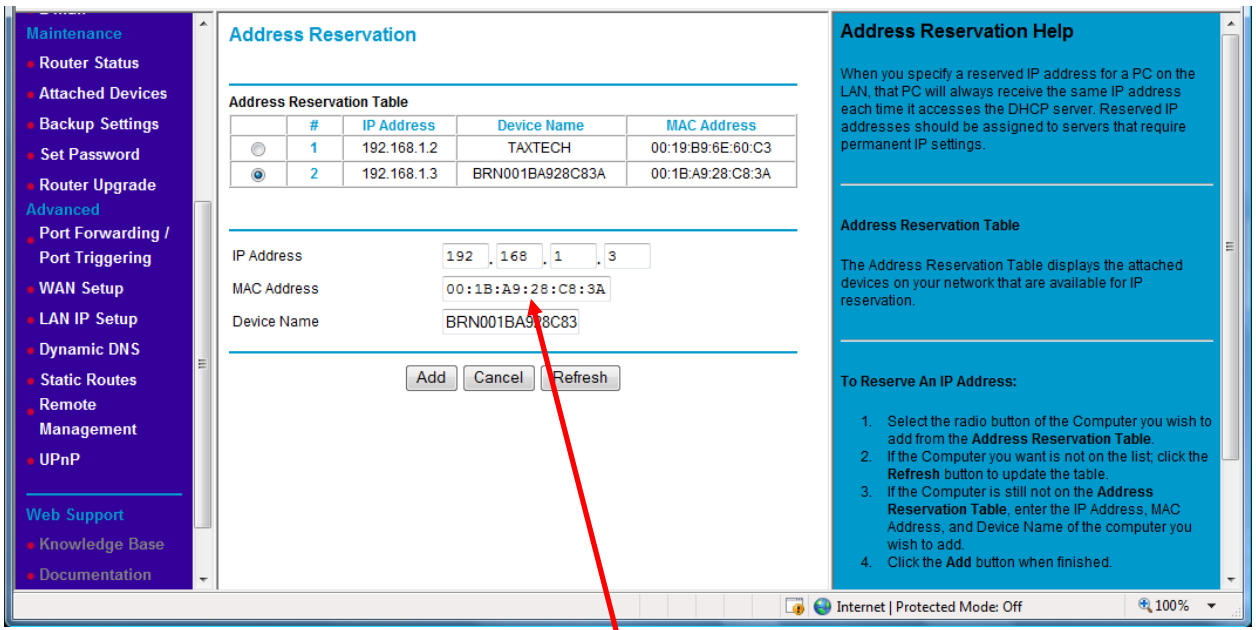

NETGEAR Router - Internet Explorer provided by Dell
http://192.168.1.1/
NETGEAR
SMARTWIZARD
router manager
Cable/DSL Web Safe Router model RP614v4
Maintenance
Router Status
Attached Devices
Backup Settings
Set Password
Router Upgrade
Advanced
Port Forwarding / Port Triggering
WAN Setup
LAN IP Setup
Dynamic DNS
Static Routes
Remote Management
UPnP
Web Support
Knowledge Base
Documentation
LAN IP Setup
LAN TCP/IP Setup
IP Address 192 . 168 . 1 . 1
IP Subnet Mask 255 . 255 . 255 . 0
RIP Direction None
RIP Version Disabled
Use Router as DHCP Server
Starting IP Address 192 . 168 . 1 . 2
Ending IP Address 192 . 168 . 1 . 254
Address Reservation
IP Address Device Name MAC Address
1 192.168.1.50 NPI1F9A16 00:1F:29:1F:9A:16
Add Edit Delete
Apply Cancel
LAN IP Setup Help
The DHCP and TCP/IP default values work for most users.
LAN TCP/IP Setup
These are advanced settings that you may configure if you are a network administrator and your network contains multiple routers. If you make any changes to these settings you will need to restart your computer(s) for the settings to take effect.
IP Address: Type the IP address of your router in dotted decimal notation (factory default: 192.168.1.1).
IP Subnet Mask: The subnet mask specifies the network number portion of an IP address. Your router will automatically calculate the subnet mask based on the IP address that you assign. Unless you are implementing subnetting, use 255.255.255.0 as the subnet mask (computed by the router).
RIP Direction: RIP (Routing Information Protocol, RFC1058 and RFC1389) allows a router to exchange routing information with other routers. The RIP Direction selection controls how the router sends and receives RIP packets. None is the
Done
Internet | Protected Mode: Off
100%

3. In the Address Reservation section, click Add to display the next screen.

Configuring the Brother HL 5250DN


Maintenance
Router Status
Attached Devices
Backup Settings
Set Password
Router Upgrade
Advanced
Port Forwarding / Port Triggering
WAN Setup
LAN IP Setup
Dynamic DNS
Static Routes
Remote Management
UPnP
Web Support
Knowledge Base
Documentation
Address Reservation
Address Reservation Table
IP Address Device Name MAC Address
1 192.168.1.2 TAXTECH 00:19:B9:6E:60:C3
2 192.168.1.3 BRN001BA928C83A 00:1B:A9:28:C8:3A
IP Address
MAC Address
Device Name
Add Cancel Refresh
Address Reservation Help
When you specify a reserved IP address for a PC on the LAN, that PC will always receive the same IP address each time it accesses the DHCP server. Reserved IP addresses should be assigned to servers that require permanent IP settings.
Address Reservation Table
The Address Reservation Table displays the attached devices on your network that are available for IP reservation.
To Reserve An IP Address:
1. Select the radio button of the Computer you wish to add from the Address Reservation Table.
2. If the Computer you want is not on the list; click the Refresh button to update the table.
3. If the Computer is still not on the Address Reservation Table, enter the IP Address, MAC Address, and Device Name of the computer you wish to add.
4. Click the Add button when finished.
Done
Internet | Protected Mode: Off
100%

4. If the printer is on the network, select it. This will fill in the IP Address and MAC Address fields below the Address Reservation Table. (Printers may not show up in the table on this screen with a Device Name. If there is any doubt about which entry in the table corresponds to the printer, you can get the currently assigned IP Address and MAC Address for the printer by asking the printer to print a Self Test / Configuration page.)


Maintenance
Router Status
Attached Devices
Backup Settings
Set Password
Router Upgrade
Advanced
Port Forwarding / Port Triggering
WAN Setup
LAN IP Setup
Dynamic DNS
Static Routes
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Address Reservation
Address Reservation Table
IP Address Device Name MAC Address
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2 192.168.1.3 BRN001BA928C83A 00:1B:A9:28:C8:3A
IP Address 192 168 1 3
MAC Address 00:1B:A9:28:C8:3A
Device Name BRN001BA928C83
Add Cancel Refresh
Address Reservation Help
When you specify a reserved IP address for a PC on the LAN, that PC will always receive the same IP address each time it accesses the DHCP server. Reserved IP addresses should be assigned to servers that require permanent IP settings.
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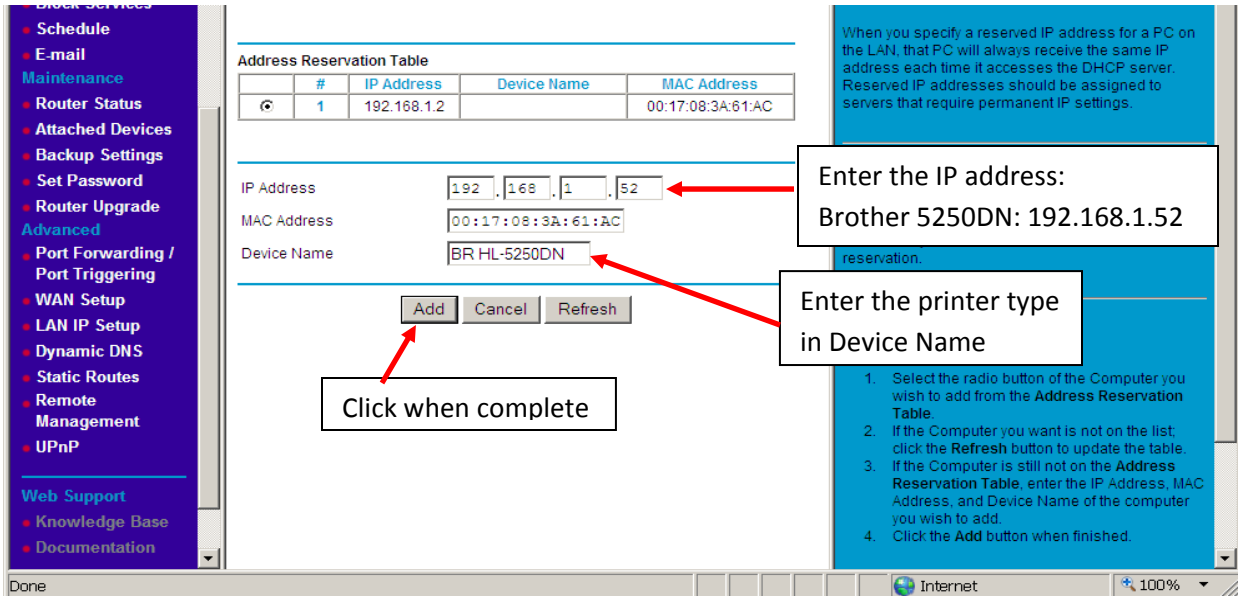
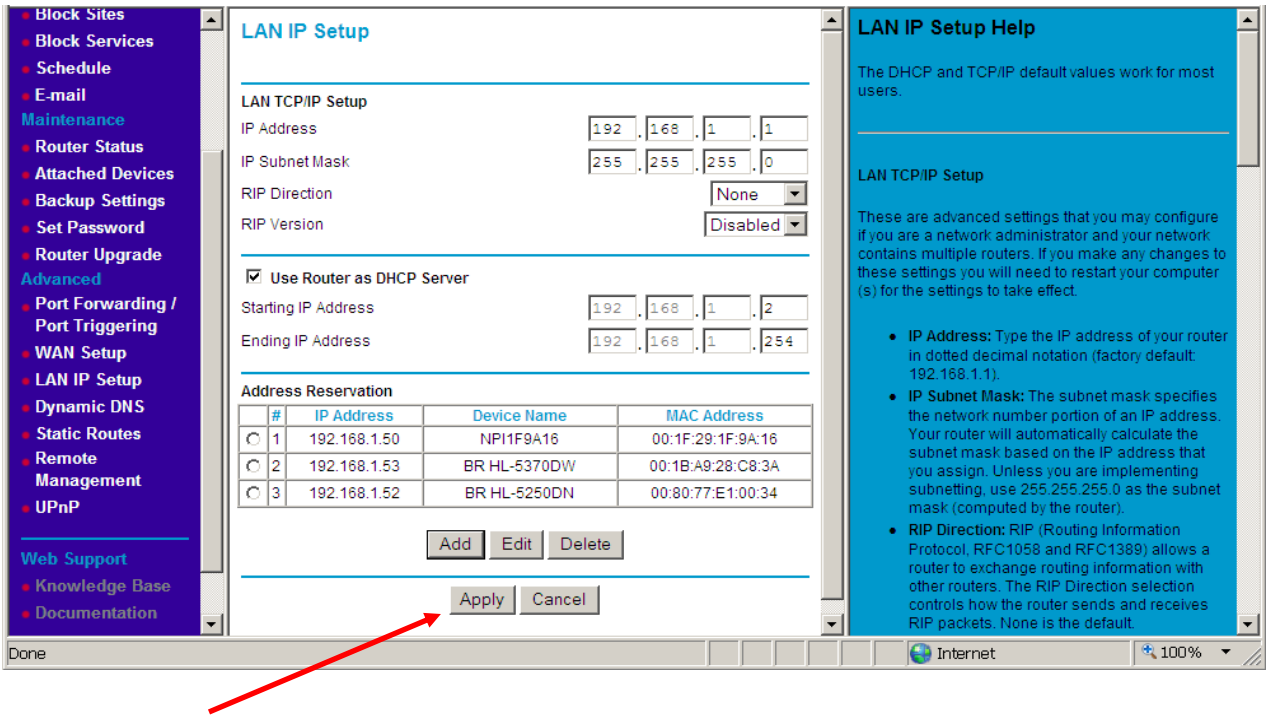
1. Select the radio button of the Computer you wish to add from the Address Reservation Table.
2. If the Computer you want is not on the list; click the Refresh button to update the table.
3. If the Computer is still not on the Address Reservation Table, enter the IP Address, MAC Address, and Device Name of the computer you wish to add.
4. Click the Add button when finished.
Internet | Protected Mode: Off
100%

5. If the printer is not on the network, enter its MAC Address manually.

Configuring the Brother HL 5250DN


Schedule
E-mail
Maintenance
Router Status
Attached Devices
Backup Settings
Set Password
Router Upgrade
Advanced
Port Forwarding / Port Triggering
WAN Setup
LAN IP Setup
Dynamic DNS
Static Routes
Remote Management
UPnP
Web Support
Knowledge Base
Documentation
Address Reservation Table
IP Address Device Name MAC Address
1 192.168.1.2 00:17:08:3A:61:AC
IP Address 192 . 168 . 1 . 52
MAC Address 00:17:08:3A:61:AC
Device Name BR HL-5250DN
Add Cancel Refresh
When you specify a reserved IP address for a PC on the LAN, that PC will always receive the same IP address each time it accesses the DHCP server. Reserved IP addresses should be assigned to servers that require permanent IP settings.
Enter the IP address:
Brother 5250DN: 192.168.1.52
Enter the printer type in Device Name
Click when complete
reservation.
1. Select the radio button of the Computer you wish to add from the Address Reservation Table.
2. If the Computer you want is not on the list, click the Refresh button to update the table.
3. If the Computer is still not on the Address Reservation Table, enter the IP Address, MAC Address, and Device Name of the computer you wish to add.
4. Click the Add button when finished.
Done
Internet
100%

6. Enter the desired IP Address manually. Enter the printer type in Device Name, then click Add.


Block Sites
Block Services
Schedule
E-mail
Maintenance
Router Status
Attached Devices
Backup Settings
Set Password
Router Upgrade
Advanced
Port Forwarding / Port Triggering
WAN Setup
LAN IP Setup
Dynamic DNS
Static Routes
Remote Management
UPnP
Web Support
Knowledge Base
Documentation
LAN IP Setup
LAN TCP/IP Setup
IP Address 192 . 168 . 1 . 1
IP Subnet Mask 255 . 255 . 255 . 0
RIP Direction None
RIP Version Disabled
Use Router as DHCP Server
Starting IP Address 192 . 168 . 1 . 2
Ending IP Address 192 . 168 . 1 . 254
Address Reservation
IP Address Device Name MAC Address
1 192.168.1.50 NPI1F9A16 00:1F:29:1F:9A:16
2 192.168.1.53 BR HL-5370DW 00:1B:A9:28:C8:3A
3 192.168.1.52 BR HL-5250DN 00:80:77:E1:00:34
Add Edit Delete
Apply Cancel
LAN IP Setup Help
The DHCP and TCP/IP default values work for most users.
LAN TCP/IP Setup
These are advanced settings that you may configure if you are a network administrator and your network contains multiple routers. If you make any changes to these settings you will need to restart your computer (s) for the settings to take effect.
IP Address: Type the IP address of your router in dotted decimal notation (factory default: 192.168.1.1).
IP Subnet Mask: The subnet mask specifies the network number portion of an IP address. Your router will automatically calculate the subnet mask based on the IP address that you assign. Unless you are implementing subnetting, use 255.255.255.0 as the subnet mask (computed by the router).
RIP Direction: RIP (Routing Information Protocol, RFC1058 and RFC1389) allows a router to exchange routing information with other routers. The RIP Direction selection controls how the router sends and receives RIP packets. None is the default.
Done
Internet
100%

7. Click the Apply button to save the updated Address Reservation table in the Router memory. (The router will need about 30 seconds to re-initialize itself.)

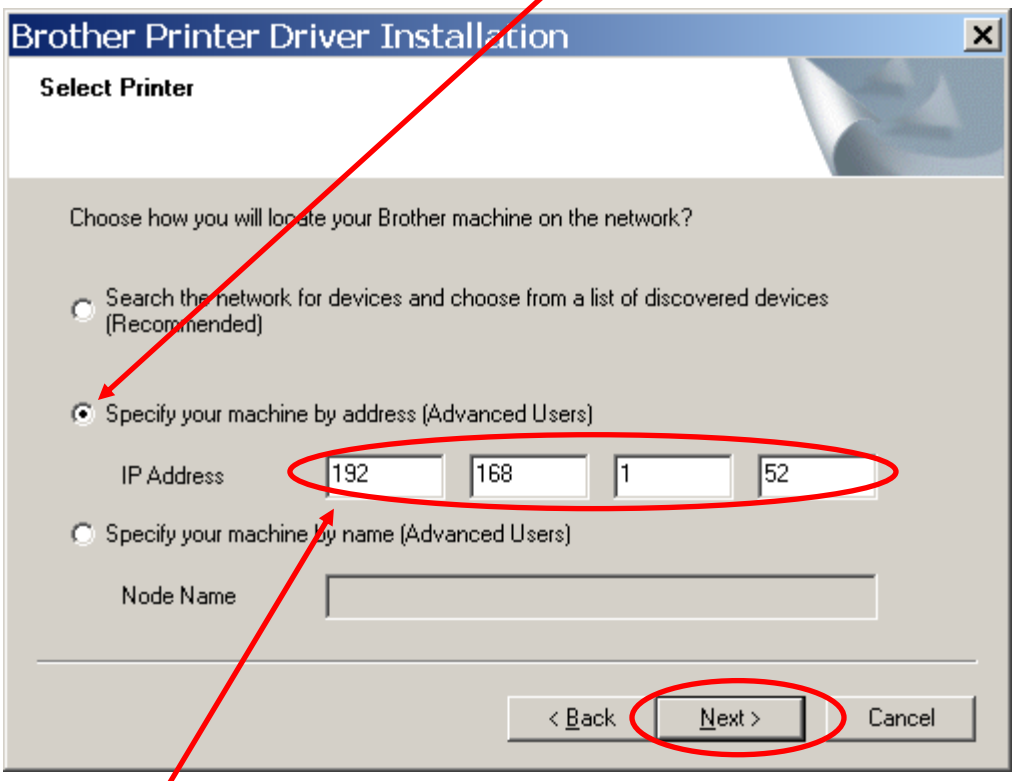
8. Logout of the router.

Configuring the Brother HL 5250DN

Installing the Printer Driver – Network Cable

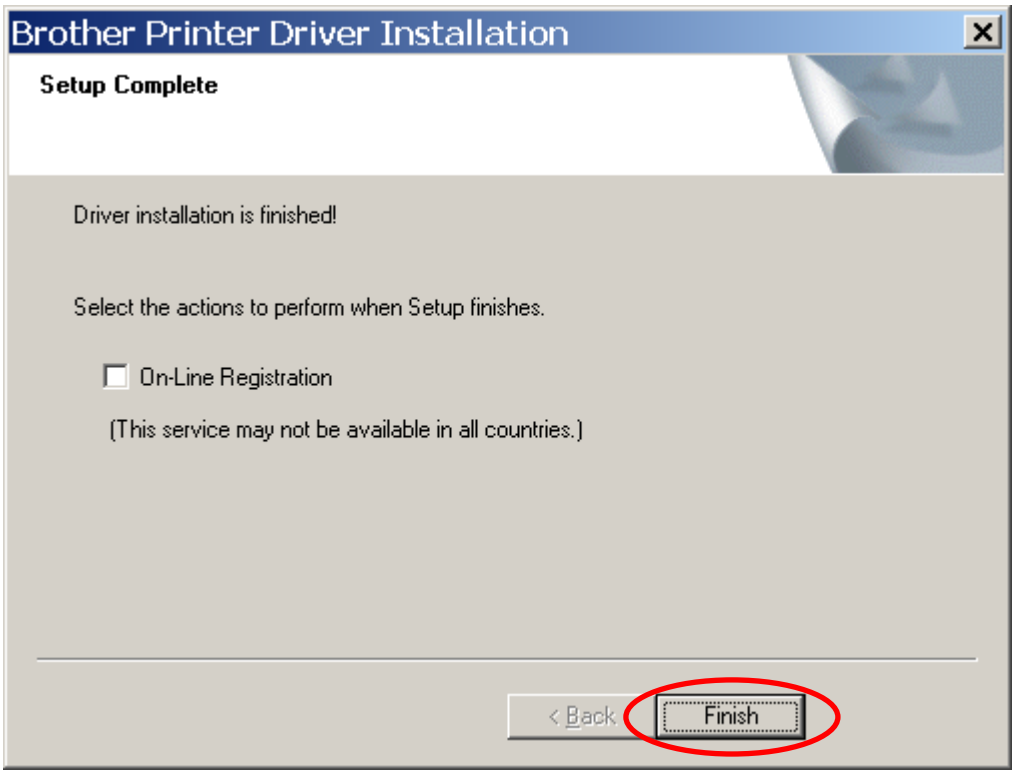
1. Run a driver appropriate for the operating system. Answer the initial questions as follows:
    a. HL-5250DN
    b. English
    c. Install Printer Driver
    d. Network cable users
    e. License Agreement: Yes
    f. Brother Peer-to-Peer Network Printer

2. When the Select Printer screen appears, click Specify your machine by address [Advanced Users]


Brother Printer Driver Installation
Select Printer
Choose how you will locate your Brother machine on the network?
Search the network for devices and choose from a list of discovered devices (Recommended)
Specify your machine by address (Advanced Users)
IP Address
192
168
1
52
Specify your machine by name (Advanced Users)
Node Name
< Back
Next >
Cancel

3. Enter IP Address assigned by the router: 192.168.1.52, then click Next. Several windows may appear while the driver is being installed.

Configuring the Brother HL 5250DN

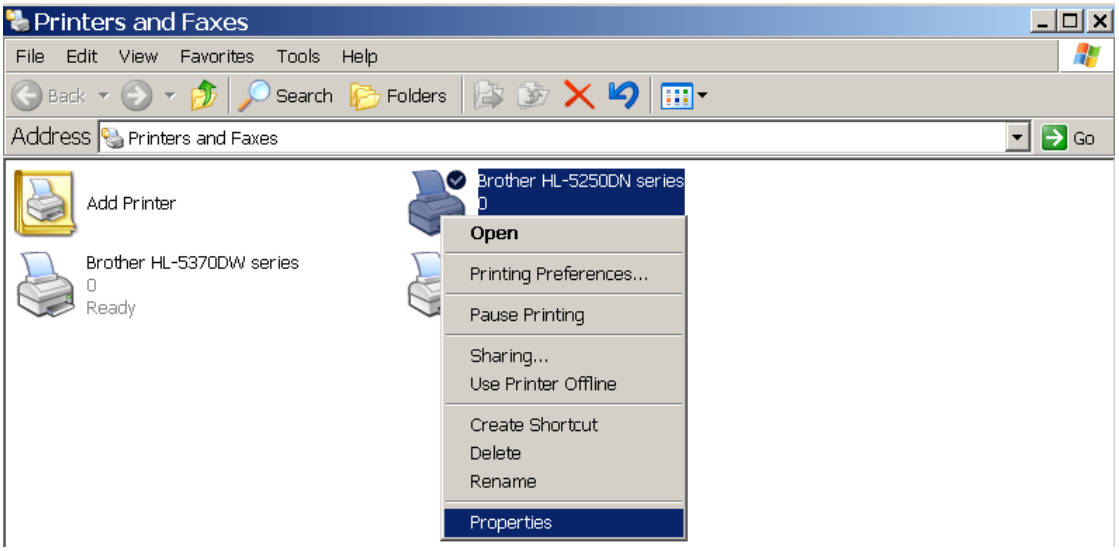

Brother Printer Driver Installation
Setup Complete
Driver installation is finished!
Select the actions to perform when Setup finishes.
On-Line Registration
(This service may not be available in all countries.)
< Back
Finish

4. Set as Default Printer if desired. Click Finish.
5. Exit the Printer Driver Installer.
6. Print a test page.

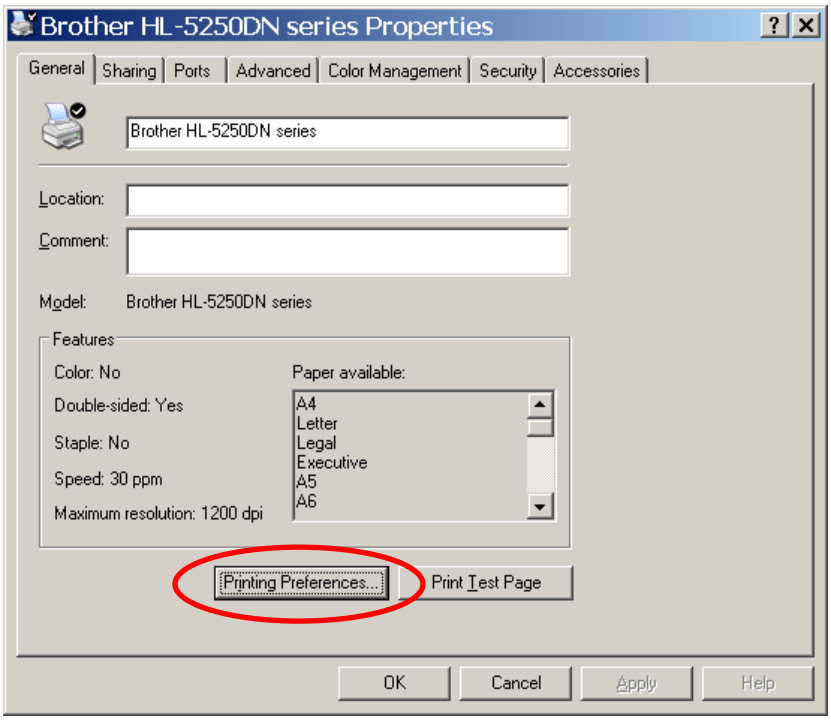
Configuring the Brother HL 5250DN

Automatic Duplex

1. Duplex mode can be changed from the default Off to On.

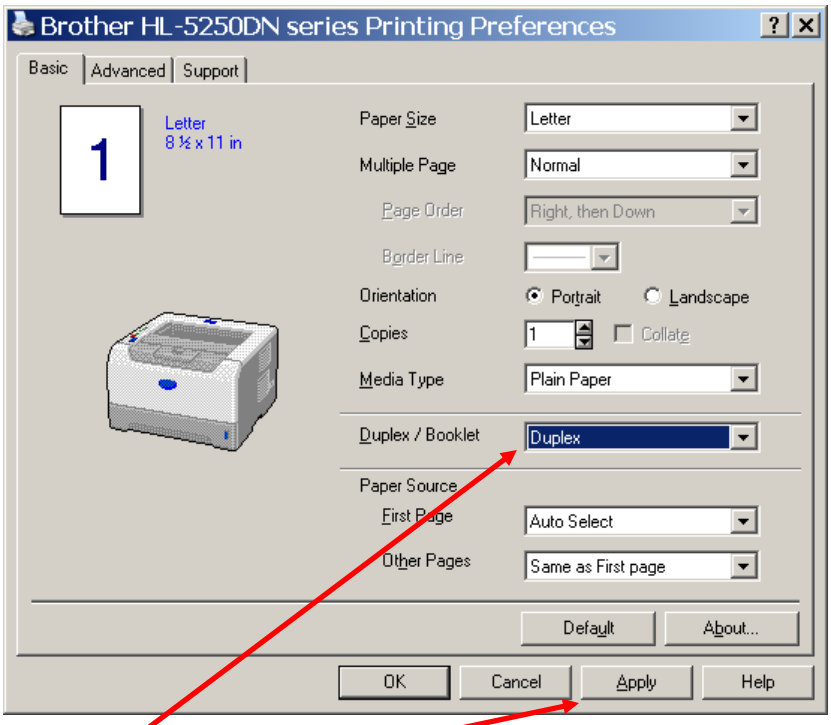


2. From the printer control panel, right click Brother HL-5370DW and select Properties



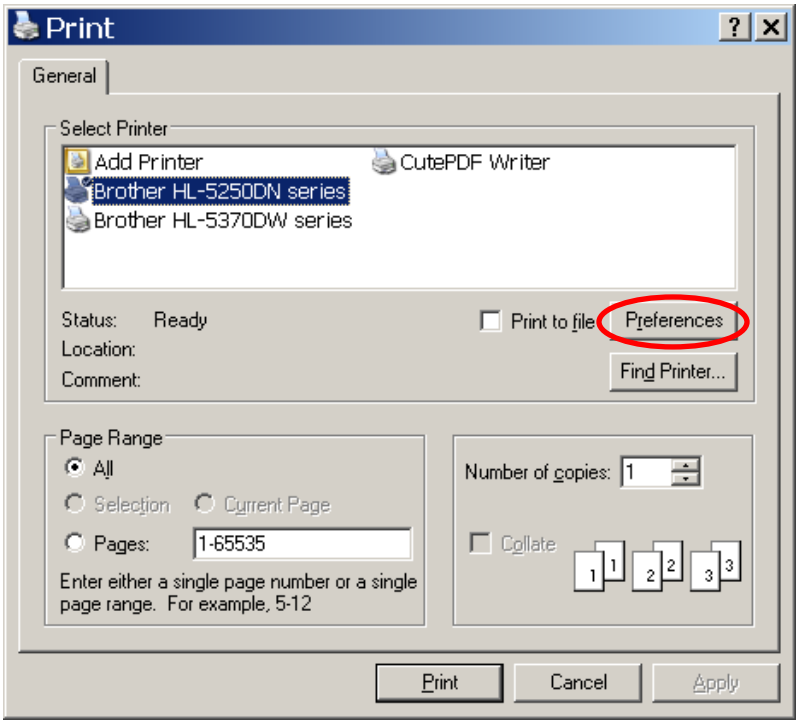
3. Click on Printing Preferences

Configuring the Brother HL 5250DN



4. Select Duplex, then click Apply followed by OK. This makes Duplex the default.

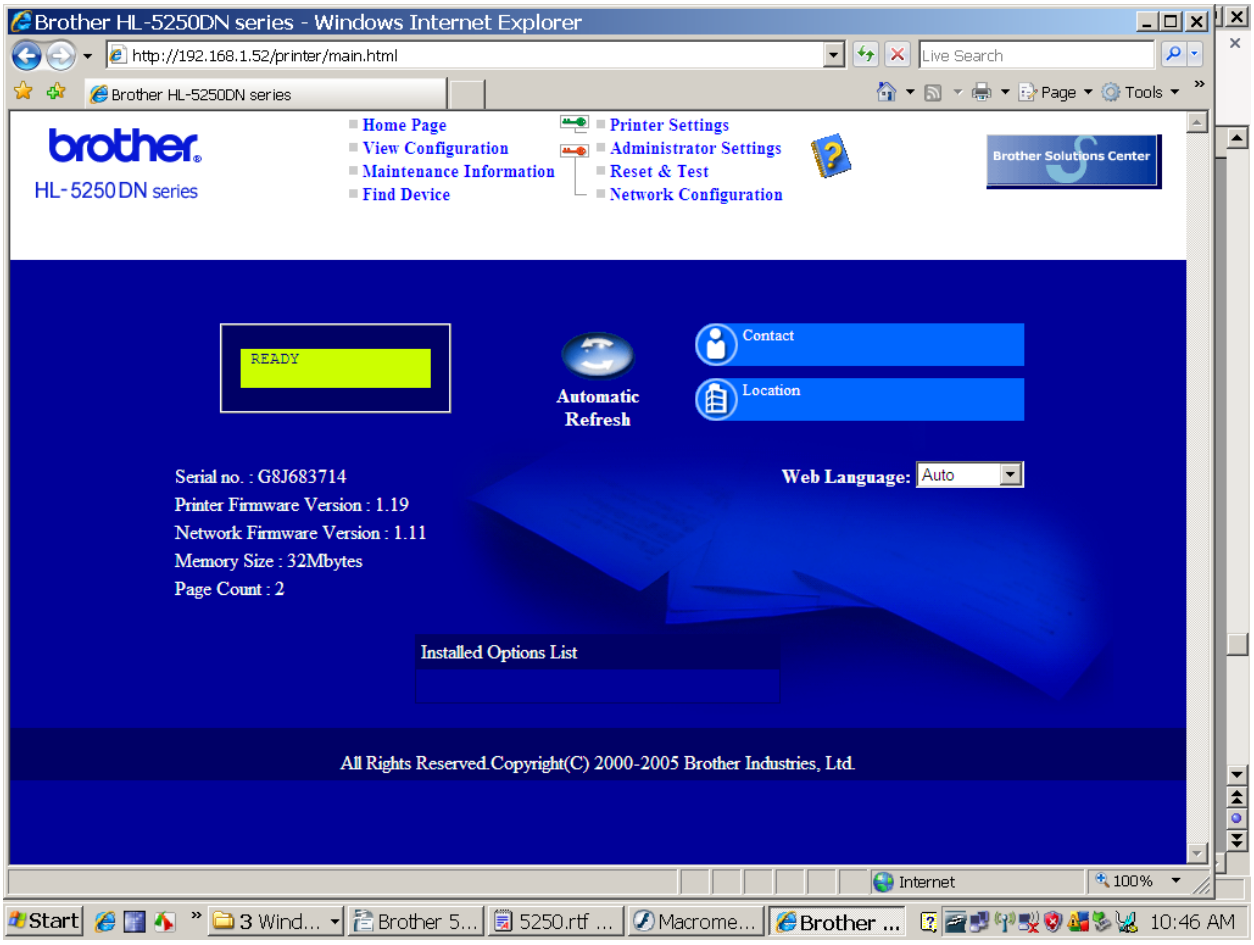
5. This preference can be changed when printing a document by selecting Preferences from the Print menu. The default will not be changed.



Configuring the Brother HL 5250DN

Accessing the printer's web server

1. Access the printer web server at http://192.168.1.52/
2. Click on Printer Settings and use the default 'user' login and 'access' password



3. The Administrator default 'admin' login and 'access' password can access Printer Settings as well as Administrator Settings, Reset & Test and Network Configuration.

Printer Reset

1. Turn the printer off
2. Make sure the front cover is closed
3. Press and hold **Go** and turn the printer on
4. When Toner, Drum and Paper LEDs light up, release **Go**
5. Press **Go** six times to reset all factory settings